The IMS Bulletin
Vol.21, No.6, 1992, 654–669.

Author Index to Abstracts: Volume 21 (1992)

Abstracts of papers, either presented in person or by title, were published in *The IMS Bulletin*:

Vol.21, No.1, January/February 1992: By Title, page 19 (92t1–3)
In Person, pp. 48–61: Cincinnati, Ohio (222nd IMS Meeting)

Vol.21, No.2, March/April 1992: By Title, pp. 136–137 (92t4–6)
In Person, pp. 137-138: Cincinnati, Ohio (222nd IMS Meeting)
pp. 151-164: Corvallis, Oregon (223rd IMS Meeting)

Vol.21, No.3, May/June 1992: By Title, pp. 219–223 (92t7–21)
In Person, pp. 247–254: Medford, Massachusetts (Probability Workshop)
pp. 297–363: Boston, Massachusetts (224th IMS Meeting)

Vol.21, No.4, July/August 1992: By Title, pp. 417–419 (92t22–30)
In Person, pp: 420-421: Boston, Massachusetts (224th IMS Meeting)
pp. 442-449: University Park, Pennsylvania (225th IMS Meeting)

Vol.21, No.5, September/October 1992: By Title, pp. 534–535 (92t31–35)
In Person, page 535: University Park, Pennsylvania (225th IMS Meeting)

Vol.21, No.6, November/December 1992: By Title, pp. 594–596 (92t36–44).

Abler, David G. *see* Kassab, Cathy D.
Abrahams, Julia. An improved lower bound on the minimum expected number of binomial group tests, 224-141 (page 337)
Acuna, Carmen *see* Koti, Kallappa M.
Adler, Robert J., Gennady Samorodnitsky and Tamar Gadrich. The expected number of level crossings for stationary, harmonisable, symmetric, stable processes, 223-1 (page 151)
Afsarinejad, Kasre. Some two-dimensional designs balanced for nearest neighbours, 224-48 (page 310)
Akman, H. Olcay *see* Gupta, Ramesh C.
Akritas, Michael G. *see* LaValley, Michael P.
Alam, Khursheed and K.B. Kulasekera. Estimation of the quantile function of residual life time distribution, 224-170 (page 345)
Alam, Khursheed *see* Williams, Calvin L.
Albert, James H. A Bayesian approach to estimation of GPA's of University of Iowa Freshmen under order restrictions, 224-19 (page 302)
Aldous, David J. Asymptotics in the random assignment problem, 224-PW1 (page 247)
Aldous, David J. An overview of random trees, 224-PW2 (page 247)
Aldous, David J. Polynomial-time maxima in storage models, 224-15 (page 301)
Ali, M. Masoom *see* Umbach, Dale.
Altman, Naomi. Nonparametric regression modelling for families of curves, 224-160 (page 342)
Amfoh, Kweku, Marty Levi, Bronya Keats, Partha Bagchi and George Bonney.
On the solution of the gene mapping problem when the mapping function can be expressed as a convergent power series, 224-63 (page 314)
Amfoh, Kweku *see* Bagchi, Partha.
Ammann, Larry. Robust principal components, 224-230 (page 360)
An, Shu. Maximum likelihood estimate for long range dependence processes, 224-241 (page 362), 225-1 (page 442)
Anderson, Christine. Innovation in the analysis of directional data from factorial experiments, 224-161 (page 342)
Anderson, George F. and Thomas P. Hettmansperger. Generalized Wilcoxon procedures for the two-sample location model, 224-42 (page 308)
Arnold, Barry C. What price convenience?, 224-73 (page 317)

The IMS Bulletin
Vol.21, No.6, 1992, 654–669.

Author Index to Abstracts: Volume 21 (1992)

Abstracts of papers, either presented in person or by title, were published in *The IMS Bulletin*:

Vol.21, No.1, January/February 1992: By Title, page 19 (92t1–3)
In Person, pp. 48–61: Cincinnati, Ohio (222nd IMS Meeting)

Vol.21, No.2, March/April 1992: By Title, pp. 136–137 (92t4–6)
In Person, pp. 137-138: Cincinnati, Ohio (222nd IMS Meeting)
pp. 151-164: Corvallis, Oregon (223rd IMS Meeting)

Vol.21, No.3, May/June 1992: By Title, pp. 219–223 (92t7–21)
In Person, pp. 247–254: Medford, Massachusetts (Probability Workshop)
pp. 297–363: Boston, Massachusetts (224th IMS Meeting)

Vol.21, No.4, July/August 1992: By Title, pp. 417–419 (92t22–30)
In Person, pp: 420-421: Boston, Massachusetts (224th IMS Meeting)
pp. 442-449: University Park, Pennsylvania (225th IMS Meeting)

Vol.21, No.5, September/October 1992: By Title, pp. 534–535 (92t31–35)
In Person, page 535: University Park, Pennsylvania (225th IMS Meeting)

Vol.21, No.6, November/December 1992: By Title, pp. 594–596 (92t36–44).

Abler, David G. *see* Kassab, Cathy D.
Abrahams, Julia. An improved lower bound on the minimum expected number of binomial group tests, 224-141 (page 337)
Acuna, Carmen *see* Koti, Kallappa M.
Adler, Robert J., Gennady Samorodnitsky and Tamar Gadrich. The expected number of level crossings for stationary, harmonisable, symmetric, stable processes, 223-1 (page 151)
Afsarinejad, Kasre. Some two-dimensional designs balanced for nearest neighbours, 224-48 (page 310)
Akman, H. Olcay *see* Gupta, Ramesh C.
Akritas, Michael G. *see* LaValley, Michael P.
Alam, Khursheed and K.B. Kulasekera. Estimation of the quantile function of residual life time distribution, 224-170 (page 345)
Alam, Khursheed *see* Williams, Calvin L.
Albert, James H. A Bayesian approach to estimation of GPA's of University of Iowa Freshmen under order restrictions, 224-19 (page 302)
Aldous, David J. Asymptotics in the random assignment problem, 224-PW1 (page 247)
Aldous, David J. An overview of random trees, 224-PW2 (page 247)
Aldous, David J. Polynomial-time maxima in storage models, 224-15 (page 301)
Ali, M. Masoom *see* Umbach, Dale.
Altman, Naomi. Nonparametric regression modelling for families of curves, 224-160 (page 342)
Amfoh, Kweku, Marty Levi, Bronya Keats, Partha Bagchi and George Bonney.
On the solution of the gene mapping problem when the mapping function can be expressed as a convergent power series, 224-63 (page 314)
Amfoh, Kweku *see* Bagchi, Partha.
Ammann, Larry. Robust principal components, 224-230 (page 360)
An, Shu. Maximum likelihood estimate for long range dependence processes, 224-241 (page 362), 225-1 (page 442)
Anderson, Christine. Innovation in the analysis of directional data from factorial experiments, 224-161 (page 342)
Anderson, George F. and Thomas P. Hettmansperger. Generalized Wilcoxon procedures for the two-sample location model, 224-42 (page 308)
Arnold, Barry C. What price convenience?, 224-73 (page 317)

Avram, Florin and Dimitris Bertsimas. Statistical physics, eigenvalues of random matrices and the minimum assignment problem, 224-PW3 (page 247)
Avram, Florin *see* Bertsimas, Dimitris.
Awartani, Faisal. Adaptive optimal design applied to logistic regression, 224-174 (page 346)
Baddeley, Adrian J. *see* Cabo, Annoesjka J.
Bagchi, Partha, Kweku Amfoh, Marty Levi, and George Bonney. Bayesian estimation in gene mapping, 224-110 (page 328)
Bagchi, Partha *see* Kweku Amfoh.
Barndorff-Neilsen, Ole E. Statistical inference and differential geometry: some recent developments, 225-11 (page 445)
Barron, Andrew R., David Olive and Yuhong Yang. Asymptotically optimal complexity-based model selection, 223-36 (page 162)
Basak, Gopal K. and Rabi N. Bhattacharya. Stability in distribution for singular diffusions, 223-6 (page 153)
Bassett, Jr., Gilbert W. The theory of (median) unbiased estimation, 224-86 (page 321)
Basu, Ayanendranath. Minimum disparity estimation: applications to robust testing of hypotheses, 224-79 (page 319)
Basu, Ayanendranath and Bruce G. Lindsay. Robust minimum disparity estimation in the continuous case, 222-24 (page 54)
Basu, Sanjib and Anirban DasGupta. Bayesian analysis with distribution bands: the role of the loss function, 92t-12 (page 220)
Basu, Sanjib and Anirban DasGupta. The mean, median and mode of unimodal distributions: a characterization, 92t-28 (page 418)
Basu, Sanjib. A new look at Bayesian point null hypothesis testing: HPD sets, volume minimizing sets and robust bayes, 92t-43 (page 596)
Basu, Sanjib. Ranges of posterior probability: symmetry, unimodality, and the likelihood, 92t-42 (page 596)
Belin, Thomas R. Model monitoring in an analysis of repeated-measures data on reaction times for schizophrenics, 224-167 (page 344)
Berger, Marc A. Image compression and iterated function systems, 224-13 (page 300)
Berger, Roger L. and Dennis D. Boos. *P*-Values maximized over a confidence set for the nuisance parameter, 224-61 (page 314)
Berman, Simeon M. The tail of the convolution of densities and its appplication to a model of HIV-latency time, 222-27 (page 55)
Bertsimas, Dimitris and Florin Avram. On central limit thoerems in geometrical probability, 224-PW26 (page 254)
Bertsimas, Dimitris *see* Avram, Florin.
Besag, Julian E. Image analysis, spatial statistics and Bayesian inference, 223-40 (page 163)
Bhapkar, Vasant P. Marginal inference and loss of information, 225-2 (page 442)
Bhattacharya, Rabi N. and B. V. Rao. Brownian paths and chaos, 92t-6 (page 137)
Bhattacharya, Rabi N. *see* Basak, Gopal K.
Bhaumik, D.K. and P.M. Kulkarni. A simple and exact method of constructing tolerance intervals for the one-way ANOVA with random effects, 224-100 (page 324)
Bickel, Peter and Vijay Nair. Estimating a finite population under a biased sampling model with applications, 224-2 (page 297)
Bienenstock, Elie. Representation, binding, and related issues on brain theory, 224-238 (page 362)
Bilker, Warren B. and Mei-Cheng Wang. A semiparametric extension of the Mann-Whitney test for randomly truncated data, 224-24 (page 303)
Bilodeau, M. and Takeaki Kariya. LBI tests of independence in bivariate exponential distributions, 224-50 (page 311)
Biscarat, Jean-Claude, Jean Diebolt and Gilles Celeux. Stochastic versions of the EM algorithm, 92t-11 (page 220)
Bock, Mary Ellen and German Pliego. Nonparametric regression using Daubechies wavelets, 222-10 (page 50)
Boehm, Walter and Peter Hackl. The effect of serial correlation on the in-control ARL of cumulative score charts, 224-164 (page 343)
Boenke, Michael. *see* Lange, Kenneth.
Bonney, George *see* Kweku Amfoh.
Bonney, George *see* Bagchi, Partha.
Boos, Dennis D. *see* Berger, Roger L.

Bozorgniza, Abolghassem, Ronald F. Patterson, and Robert L. Taylor. Chung type strong laws for arrays of random elements and bootstrapping, 224-224 (page 358)
Bramson, Maury, David Griffeath and Gregory Lawler. Internal diffustion-limited aggregation, 224-PW4 (page 247)
Brien, Chris J. Multitiered experiments and their analysis, 224-84 (page 320)
Broniatowski, Michel. On the probability of deviations for the sample mean of iid random variables, 92t-16 (page 221)
Broniatowski, Michel. Tauberian theorems, Chernoff inequality and the tail behavior of finite convolutions of distribution functions, 92t-5 (page 136)
Brown, Lawrence D. and Mark G. Low. Superefficiency and lack of adaptability in nonparametric functional estimation, 224-142 (page 337)
Bunge, John and M. Fitzpatrick. Estimating the number of species: the state of the art, 224-118 (page 330)
Burman, Prabir and Probal Chaudhury. A hybrid approach to nonparametric and parametric function estimation, 222-5 (page 49)
Burton, Robert. Tree processes and ergodic theory, 224-PW5 (page 248)
Cabo, Annoesjka and J. Baddeley. Stereology, covariance fuctions and a new metric, 224-236 (page 361)
Cambanis, Stamatis and Elias Masry. Wavelet approximation of random signals, 224-249 (page 421)
Cambanis, Stamatis *see* Su, Yingcai.
Carlin, Bradley P. and Stuart A. Klugman. Hierarchical Bayesian Whittaker graduation, 224-52 (page 311)
Carlin, Bradley P. *see* Etzioni, Ruth.
Carmona, René. Large time asymptotics for the solutions of parabolic SPDE's and intermittency, 224-237 (page 361)
Celeux, Gilles *see* Biscarat, Jean-Claude.
Chai, Feng-Shun and Dibyen Majumdar. On the Yeh-Bradley conjecture on linear trend-free block designs, 224-138 (page 336)
Chakravarty, Alaka G. and Sanat K. Sarkar. On Bayesian analysis of bivariate contingency tables using prior information of association, 224-23 (page 303)
Chamberlin, Stephen R. Modified and adjusted likelihood roots, 225-15 (page 446)
Chanda, Kamal C. Asymptotic properties of serial covariances of orders which increase with sample size, 224-32 (page 305)
Chang, Hong, Dipak K. Dey, and Alan E. Gelfand. Model determination using predictive distributions, 224-53 (page 312)
Chang, Hsiu-Fen *see* Huang, Mong-Na Lo.
Chattopadhyay, Saibal *see* Mukhopadhyay Nitis.
Chaudhury, Probal. *see* Burman, Prabir.
Chen, Gemain and Jiahua Chen. Geometric quality assurance, 224-21 (page 303)
Chen, Hangfeng. Tests following transformations to normal or location-shift models, 224-74 (page 318)
Chen, Hung and Jyh-Jen Horng Shiau. Data-driven-based efficient estimators for a partially linear model, 222-25 (page 54)
Chen, Jiahua and J.D. Kalbfleisch. Inverse problems in fractal construction, Hellinger distance method, 224-51 (page 311)
Chen, Jiahua and Jing Qin. Empirical likelihood method in finite population and the effective usage of auxiliary information, 224-157 (page 341)
Chen, Jiahua *see* Chen, Gemain.
Chen, Jiahua. Generalized likelihood-ratio testing of the number of components in finite mixture models, 225-3 (page 442)
Chen, Juh-Ing. A modified Chen-Wolfe procedure for comparing peak-known umbrella pattern treatment effects with a control, 224-28 (page 304)
Cheng, C. L. and J. W. Van Ness. Confidence sets for the linear measurement error model, 224-33 (page 306)
Cheng, Philip E. and C. K. Chu. Estimation of distribution function and quantile with missing data, 224-144 (page 337)
Chiang, Tzuu-Shuh and Yunshyong Chow. Asymptotic behavior of eigenvalues and random updating schemes, 224-26 (page 304)
Choi, Sungsub. A simple variance estimation of median, 224-223 (page 358)
Choi, Sungsub. Linear regression with censored data, 222-11 (page 50)

Chow, Yunshyong *see* Chiang, Tzuu-Shuh.
Chu, C. K. *see* Cheng, Philip E.
Cléroux, Robert *see* Léger, Christian.
Clifford, Peter and Gang Wei. The equivalence of the Cox process with squared radial Ornstein-Uhlenbeck intensity and the death process in a simple population model, 92t-21 (page 223)
Cline, Daren B.H. Intermediate regularand π-variation, 224-165 (page 343)
Coakley, Clint W. A nonparametric test for periodicity of dichotomous data, 222-18 (page 52)
Coakley, Clint W. Breakdown points under regression with replication, 225-4 (page 443)
Coffman Jr., Ed G. Applications of up-right matching theory, 224-PW6 (page 248)
Cranston, Michael, Wilfrid S. Kendall and Peter March. The radial part of Brownian motion-2: its life and times on the cut locus, 92t-31 (page 534)
Croos, Joseph and Wayne Fuller. Robust estimation for the simple measurement error model, 224-229 (page 359)
Croux, Christopher and Peter J. Rousseeuw. Time-efficient algorithms for two highly robust estimators of scale, 92t-38 (page 594)
Croux, Christopher *see* Hössjer, Ola.
Csörgö, Miklos. *see* Shao, Qi-Man.
Cui, Lu and David Oakes. A note on semiparametric inference for modulated renewal processes, 224-115 (page 329)
Cutler, Colleen D. Some aspects of dimension estimation for chaotic systems, 223-39 (page 163)
Dalang, Robert C. *see* Walsh, John B.
Dalgleish, Lenard I. When the jackknife fails: a comparison of the jackknife and the bootstrap for discriminant analysis, 224-145 (page 338)
Das, Shubhabrata and Pranab Kumar Sen. Restricted canonical correlations, 224-3 (page 297)
DasGupta, Anirban *see* Basu, Sanjib.
DasGupta, Anirban. Distributions which are Gaussian convolutions, 92t-30 (page 419)
DasGupta, Anirban. The Hardy functions of undetermined moment problems: with applications, 92t-29 (page 419)
Dawson, Donald A. Stochastic evolution equations and measure-valued processes, 224-PW7 (page 248)
Dawson, Donald A., Carl Mueller and Yi Li. Branching in a random environment, 224-PW25 (page 253)
Deshpande, Jayant V. and T. F. Muhammad Fareed. Unbiased estimation following selection, 92t-35 (page 535)
Dette, Holger. Bayesian *D*-optimal and model robust designs in linear regression models, 224-35 (page 306)
Dey, Dipak K. *see* Chang, Hong.
Dhar, Sunil K. Extended negative multinomial distribution, 224-166 (page 344)
Diebolt, Jean *see* Biscarat, Jean-Claude.
Diebolt, Jean. A large deviation approach to the consistency of the stochastic em algorithm, 224-226 (page 359)
Diebolt, Jean. Uniform rate of convergence for a hybrid process and application to nonparametric testing, 224-225 (page 358)
Donoho, David L. and Iain M. Johnstone. Adapting to unknown smoothness and shape by wavelet shrinkage, 224-178 (page 346)
Donoho, David L. and Iain M. Johnstone. Adaptivity properties of wavelet estimators, 222-9 (page 50)
Donoho, David. Nonlinear solution of linear inverse problems by wavelette-vaguelette decomposition, 223-41 (page 163)
Dudley, Richard *see* Haughton, Dominique.
Durham, Stephen, Nancy Flournoy and Ali Haghighi. Estimation in up-and-down dose finding experiments, 224-162 (page 342)
Dwyer, Rex A. Average-case analysis of geometric algorithms, 224-168 (page 344)
Dyer, M., A. Frieze and Boris Pittel. The average performance of the greedy matching algorithm, 224-PW15 (page 251)
Dynkin, Eugene B. Birth delay of a Markov progress and its applications, 224-PW28 (page 254)
Efromovich, Sam. On sharp-optimal nonparametric regression, 222-2 (page 48)
Efromovich, Sam. On nonparametric regression with iid observations, 224-75 (page 318)
El-Karoui, Nicole and Hélyette Geman. The valuation of general floating-rate notes and swaps: a probabilistic approach, 224-46 (page 310)

Engel, Joachim and Alois Kneip. Model estimation in nonlinear regression under shape invariance, 223-29 (page 160)
Epstein Feldman, Raisa and Rachev Svetlozar. *U*-statistics of random-size samples and limit theorems for systems of Markovian particles with non-Poisson initial distributions, 223-9 (page 153)
Epstein Feldman, Raisa. Limit theorems for systems of Markovian particles with non-Poisson initial distributions, 224-136 (page 335)
Epstein, Leonardo D. Specification of prior distributions for Bayesian analyses of multidimensional contingency tables, 224-96 (page 323)
Etzioni, Ruth and Bradley P. Carlin. The Ames Salmonella/Microsome Assay: issues in Bayesian data analysis, 224-54 (page 312)
Evans, Steve. *see* McPeek, Mary Sara.
Falk, Michael, and Frank Marohn. Asymptotic optimal tests for conditional distributions, 224-17 (page 301)
Fan, Jianqing and Irene Gijbels. Variable bandwidth and local linear regression, 223-5 (page 152)
Fan, Jianqing and James S. Marron. Semiparametric information bound for bandwidth selection, 222-23 (page 54)
Fan, Tsai-Hung. Computational algorithms in Bayesian inferences for a normal mean with *t* prior distributions, 224-128 (page 333)
Fareed, T. F. Muhammad *see* Deshpande, Jayant V.
Faxon, Don R. *see* Wegman, Edward J.
Fernholz, Luisa T. Smoothed versions of nonparametric statistics, 224-94 (page 323)
Firth, David. Bias reduction of maximum likelihood estimates, 223-16 (page 156)
Fitzpatrick, M. *see* Bunge, John.
Flournoy, Nancy *see* Durham, Stephen.
Földes, Antónia. Some questions about Brownian and random walk local time, 222-39 (page 58)
Frangos, Christos C. and Cornelia J. Swanepoel. Third-order corrected bootstrap confidence intervals for a parameter of the logistic model, 224-156 (page 341)
Fraser, Donald A.S. Aspects of tangent exponential models, 225-6 (page 443)
Frees, Edward W. *see* Shieh, Shwu-Rong.
Frieze, A. *see* Dyer, M.
Fuller, Wayne *see* Croos, Joseph.
Gadrich, Tamar. *see* Adler, Robert J.
Galambos, Janos and Charles Hagwood. A characterization of a distribution function by the second moment of the residual life, 224-171 (page 345)
Gelfand, Alan E. *see* Chang, Hong.
Gelfand, Alan *see* Marriott, John.
Gelman, Andrew. Spatial smoothing and probability models, 222-41 (page 59)
Gelman, Andrew and Xiao-Li Meng. Bayesian test for goodness of fit, 224-163 (page 343)
Geman, Hélyette *see* El-Karoui, Nicole.
Geman, Stuart, *see* Künsch, Hans R.
Ghosh, Kalyanbrata and Sanat K. Sarkar. Estimation of parameters of normal populations under order restrictions, 224-172 (page 345)
Ghosh, S. *see* Srivastava, J. N.
Gideon, Rudy A. A general theory of linear regression with nonparametric correlation coefficients, with some examples, 224-10 (page 299)
Gijbels, Irene. *see* Fan, Jianqing.
Gilliland, Dennis C. *see* Majumdar, Suman.
Glaz, Joseph. Improved Poisson approximations using the Chen-Stein method, 224-64 (page 315)
Gleser, Leon Jay. A linear measurement error model applicable to longitudinal analysis, 224-231 (page 360)
Godbole, Anant P. Some results in probabilistic combinatorics, 224-60 (page 314)
Gogate, Jagadish P. Compound estimation of parameters of exponential distributions in the presence of right censoring with rates near $N^{-1/2}$, 224-129 (page 333)
Goldstein, Larry and Louis Gordon. Asymptotics for the maximum of half-normal plots, 224-244 (page 363)
Gombay, Edit and Lajos Horváth. Detecting changes in linear models, 222-47 (page 60)
Gordon, Louis. see Goldstein, Larry.
Green, Jeffery J. The reliability function in life testing, 222-46 (page 60)

Greenwood, Priscilla E. and Wolfgang Wefelmeyer. Efficiency of empirical estimators for Markov chains, 224-85 (page 321)
Greenwood, P. E. and W. Wefelmeyer. Estimating the minimum Kullback-Leibler distance functional for Markov chains, 224-227 (page 357)
Gregg, M.C. Coupling small-scale oceanography and statistics: an overview, 224-70 (page 316)
Griffeath, David *see* Bramson, Maury.
Griffin, Philip and Terry McConnell. The overshoot in multidimensional renewal theory and gamblers ruin, 224-107 (page 327)
Groeneboom, Piet. Nonparametric estimators for interval censoring problems, 224-155 (page 340)
Gross, Shulamith T. Weighted estimation in linear regression models with truncated data, 224-130 (page 334)
Grund, Birgit, Peter Hall and Stephen J. Marron. On loss and risk in bandwidth selection, 223-30 (page 160)
Gu, Minggao. Group sequential method with survival data adjusting for non-independent covariates, 224-148 (page 339)
Guegan, Dominique. A continuous time ARCH model, 92t-13 (page 221)
Guegan, Dominique. and J. Ngatchou Wandji. Lagrange multiplier test for contiguous hypothesis, 92t-14 (page 221)
Guegan, Dominique. Notion de chaos: approche dynamique et problemes d'identification, 92t-15 (page 221)
Gulati, Sneh and William J. Padgett. Smooth nonparametric estimation of the hazard and hazard rate functions from record-breaking data, 224-151 (page 339)
Guo, Ying (Ingrid) Yueh and Nabendu Pal. A sequence of improvements over the James-Stein estimator, 224-131 (page 334)
Gupta, Ramesh C. and H. Olcay Akman. On the reliability studies of a weighted inverse Gaussian model, 224-41 (page 308)
Gupta, Ramesh C. *see* Kirmani, S. N. U. A.
Gupta, Rameshwar D. and Donald St. P. Richards. Multivariate Liouville distributions, III, 92t-1 (page 19)
Gürler, Ülkü, Winifried Stute and Jane-Ling Wang. Quantile representations for randomly truncated data, 223-35 (page 161)
Guttorp, Peter. Three papers on the history of branching processes translated from danish, 92t-40 (page 595)
Hackl, Peter *see* Boehm, Walter.
Haghighi, Ali *see* Durham, Stephen.
Hagwood, Charles *see* Galambos, Janos.
Hahn, Marjorie *see* Weiner, Daniel C.
Hall, Kathryn B. and Robert P. O'Donnel. Some statistical issues at Hewlett-Packard, 223-26 (page 159)
Hall, Peter. *see* Grund, Birgit.
Hall, W. J. and Guangqin Ma. Confidence bands for regression revisited and applied, 222-13 (page 51)
Hall, W.J. *see* Sinha, Debajyoti.
Hannan, James. *see* Majumdar, Suman.
Harris, Ian R. Quasi-likelihood with orthogonal link for random effects models, 224-152 (page 340)
Hartigan, John. Discrete prior distributions and model selection, 224-175 (page 346)
Haughton, Dominique and Richard Dudley. Information criteria for multiple data sets and restricted parameters, 224-103 (page 325)
Heil, Christopher. The smoothness of compactly supported wavelets is determined by products of two matrices, 224-248 (page 420)
Heitjan, Daniel F. Generalizing "missing at random", 225-18 (page 447)
Heller, Glenn. Inference based on the Buckley-James regression estimate with censored data, 225-7 (page 443)
Helmers, Roelof. Bootstrapping quantiles with dependent data, 224-97 (page 324)
Hettmansperger, Thomas P. *see* Anderson, George F.
Heyde, Chris C. Information and confidence intervals for parameters of stochastic processes, 224-177 (page 346)
Hillis, Stephen L. Buckley-James variance estimation, 224-62 (page 314)
Hollander, Myles *see* Presnell, Brett.

Homble, P. and William McCormick. Tail areas for randomly stopped sums defined on Markhov chain, 224-180 (page 347)
Horváth, Lajos. Changepoint analysis in time series, 222-45 (page 60)
Horváth, Lajos. *see* Gombay, Edit.
Hössjer, Ola, Peter J. Rousseeuw and Christopher Croux. Influence function and asymptotic normality of the repeated median slope estimator, 224-31 (page 305)
Houdré, Christian. Wavelets, probability and statistics: some bridges, 224-251 (page 421)
Houdré, Christian. *see* Wegman, Edward J.
Hsu, Ching. Admissibility of the formal Bayes estimator in the one parameter normal model $N(\theta,\theta)$, 224-117 (page 329)
Hsu, Jason C. and Stephen J. Ruberg. Similarity confidence intervals in bioequivalence trials, 92t-2 (page 19)
Hsu, John S.J. *see* Leonard, Tom.
Huang, Mong-Na Lo and Hsiu-Fen Chang. Marginally restricted constrained optimal designs, 224-134 (page 335)
Huang, Su-Yun. Averaged shifted spline projection kernel estimator: an effective bias reducing nonparametric density estimator, 222-17 (page 52)
Huang, Wen-Jang and Shun-Hwa Li. Characterization results based on record values, 224-67 (page 316)
Hwang, J. T. Gene. Tolerance and prediction intervals for measurement error models, calibration problems and other related models, 224-232 (page 360)
Islam, M. Ataharul. Multistate hazards model, 222-49 (page 61)
Istas, Jacques and Catherine Laredo. Estimating the covariance function of a stationary Gaussian process by wavelet methods, 224-250 (page 421)
Jamshidian, Mortaza and Robert I. Jennrich. Conjugate gradient acceleration of the EM algorithm, 222-32 (page 56)
Jamshidian, Mortaza and Robert I. Jennrich. Conjugate gradient acceleration of the EM algorithm, 224-125 (page 332)
Jawerth, Bjorn. Decomposing functions on closed sets using wavelets, 224-245 (page 420)
Jennrich, Robert I. *see* Jamshidian, Mortaza.
Jennrich, Robert I. *see* Jamshidian, Mortaza.
Ji, Chuanshu, and Lynne Seymour. On the selection of Markov random field texture models, 224-25 (page 304)
Johansen, Søren. The analysis of economic time series using cointegration, 224-122 (page 331)
Johnstone, Iain M. *see* Donoho, David L.
Jones, Douglas *see* Selzer, Martin.
Kahle, Waltraud. Parameter estimation in renewal processes with complete and incomplete replacement, 224-124 (page 332)
Kahn, William D. Design problems in industrial statistics: fractionated split-plots and sequential experimentation, 223-25 (page 158)
Kalbfleisch, J.D. *see* Chen, Jiahua.
Kallianpur, G. A survey of recent results in nuclear space valued stochastic differential equations, 224-PW8 (page 248)
Kariya, Takeaki. *see* Bilodeau, M.
Karp, Richard M. Probabilistic aspects of the optimal assignment problem and the traveling salesman problem, 224-PW27 (page 254)
Kass, Robert E. and Elizabeth H. Slate. Diagnostics of maximum likelihood and posterior non-normality: geometrical motivation and practical consideration, 222-50 (page 61)
Kassab, Cathy D. and David G. Abler. Testing some robust regression algorithms with real data, 225-26 (page 535)
Kaufmann, Edgar and Rolf-Dieter Reiss. Strong convergence of multivariate point processes of exceedances, 224-16 (page 301)
Kaufmann, Gordon M. How much oil and gas remains to be discovered in the United States?, 224-66 (page 315)
Keats, Bronya *see* Amfoh, Kweku.
Kehagias, Athanasios *see* Künsch, Hans R.
Kelly, Colleen L. and John A. Rice. Variable rate analysis in molecular evolution models, 223-2 (page 151)
Kemp, C. David. Properties and models for the lost-games distribution, 224-120 (page 331)
Kemp, Adrienne W. Models for Heine and Euler distributions, 224-119 (page 330)

Kendall , Wilfrid S. *see* Cranston, Michael.
Kendall, Wilfrid S. Computer algebra in probability and statistics, 92t-25 (page 418)
Kendall, Wilfrid S. On the empty cells of Poisson histograms, 92t-26 (page 418)
Khamis, Harry J. Multigraph representations of hierarchical loglinear models, 224-37 (page 307)
Kibria, B. M. Golam *see* Saleh, A. K. Md. Ehsanes.
Kim, Choongrak. On the efficiency of estimators in overdispersed mixture models, 224-127 (page 333)
Kim, Honggie *see* Park, Won J.
Kirmani, S. N. U. A. and Ramesh C. Gupta. Some results on randomly stopped minimal repair processes, 222-33 (page 57)
Klass, Michael J. and Cun Hui Zhang. On the minimal growth rate of iid partial sum maxima, 224-109 (page 327)
Klugman, Stuart A. *see* Carlin, Bradley P.
Kneip, Alois. *see* Engel, Joachim.
Kochevnick, Yuly. Asymptotically efficient estimation for some semiparametric models, 224-87 (page 321)
Kolassa, J.E. *see* Tanner, Martin A.
Kotelenez, Peter. A stochastic Navier-Stokes equation for the vorticity of a two-dimensional fluid, 224-PW9 (page 249)
Koti, Kallappa M. and Carmen Acuna. MADR stratified sampling allocations for large sample surveys, 224-88 (page 322)
Koul, Hira L. and Kanchan Mukherjee. Asymptotics of R-, MD- and LAD- estimators in linear regression models with long range dependent errors, 224-90 (page 322)
Kovacevic, Milorad S. Simultaneous estimation of variances for small areas, 224-183 (page 348)
Krebs, William B. Markov chain simulations of binary matrices, 224-182 (page 347)
Krishnamoorthy, K. and Arvind K. Shah. Testing equality of several normal means to a specified standard when the variances are unknown and unequal, 224-99 (page 324)
Kulasekera, K.B. *see* Alam, Khursheed.
Kulkarni, P.M. *see* Bhaumik, D.K.
Künsch, Hans R., Stuart Geman and Athanasios Kehagias. Hidden Gibbs Fields, 224-181 (page 347)
Kundu, Debasis. A modified Prony algorithm for sum of damped or undamped exponential signals, 225-19 (page 447)
Kuo, Lynn *see* Yu, Qiqing.
Kvam, Paul. Estimation of a distribution function based on nomination samples, 223-19 (page 156)
Lahiri, S. N. On the asymptotic behavior of the moving block bootstrap for normalized sums of heavy-tailed random variables, 92t-3 (page 19)
Lahiri, S. N. On the moving-block bootstrap under long-range dependence, 92t-24 (page 417)
Lahiri, Soumendra N. On the asymptotic normality of REML estimators with applications to spatial regression, 222-42 (page 59)
Lahiri, SoumendraNath. Asymptotic expansions for sums of strongly mixing random vectors under polynomial mixing rate, 224-40 (page 308)
Lahiri, Soumendra Nath. Bootstrapping *M*-estimators of a multiple linear regression parameter, 224-113 (page 328)
Laird, Nan M. Likelihood inference with missing values, 225-21 (page 448)
Lake, Douglas E. Statistical methods for sonar and fingerprint images, 224-184 (page 348)
Lange, Kenneth and Michael Boenke. Statistical issues in gene mapping by radiation hybrids, 223-14 (page 155)
Laredo, Catherine *see* Istas, Jacques.
Laud, Purushottam W., Paul Ramgopal, and Adrian F.M. Smith. Bayesian bioassay: modeling the shape of the dose-response curve, 224-65 (page 315)
LaValley, Michael P. and Michael G. Akritas. Regression estimators under bivariate censoring: a simulation study, 224-43 (page 308)
Lawler, Gregory *see* Bramson, Maury
Lawless, J.F. *see* Yan, Ping.
Le Cam, Lucien*see* Yang, Grace L.
Lee, Chu-In Charles. On Laplace continued fraction for the normal integral, 223-28 (page 159)
Lee, David. *see* Shiau, Jyh-Jen Horng.
Lee, Eui Yong. *see* Park, Won J.
Lee, Mei-Ling T. *see* Whitmore, G.A.

Lee, Mei-Ling Ting. Inferences for Markov dependent Bernoulli trials with missing values, 222-22 (page 53)
Léger, Christian and Robert Cléroux. Nonparametric age replacement: bootstrap confidence intervals, 224-137 (page 336)
Lehmann, E. L., and F. W. Scholz. A characterization of maximal ancillarity, 224-1 (page 297)
Lele, Subhash. Estimating functions in chaotic systems, 92t-17 (page 221)
Lele, Subhash. Euclidean distance matrix analysis (EDMA) of landmark data: estimation of mean form and mean form difference, 92t-18 (page 222)
Leonard, Tom, John S.J. Hsu, and Christian Ritter. The Laplacian approximations in Bayesian inference, 224-179 (page 347)
Lepage, Raoul and Kryzysztof Podgorski. A reliable bootstrap for multiple linear regression, 224-111 (page 328)
Leurgans, Sue E., Rana A. Moyeed and Bernard W. Silverman. Canonical correlational analysis when the data are curves, 92t-7 (page 219)
Levi, Marty *see* Kweku Amfoh.
Levi, Marty *see* Bagchi, Partha.
Li, Ker-Chau. Shape of low-dimenional projections from high-dimensional data, 224-78 (page 319)
Li, Shun-Hwa *see* Huang, Wen-Jang.
Li, Yi. *see* Dawson Donald A.
Liang, Kung-Yee. Estimating functions in the presence of nuisance parameters, 225-22 (page 448)
Liang, TaChen. Rates of convergence for empirical Bayes two-action problems: discrete case, 224-38 (page 307)
Liebetrau, A. M. and Paul D. Whitney. Uncertainty analysis for model-based computer experiments, 223-27 (page 159)
Lin, C. H., and Shashikala Sukhatme. Distribution of ranks in a two-sample problem with right censored data, 224-47 (page 310)
Lin, Gwo Dong. Characterizations of distributions via moments, 224-133 (page 334)
Lindsay, Bruce G. and Richard Waterman. An approximate conditional approach to Poisson regression models with overdispersion, 225-8 (page 444)
Lindsay, Bruce G. *see* Basu, Ayanendranath.
Lindsay, Bruce G. Trading bias and information in likelihood methods: calculations using projective scores, 224-169 (page 344)
Little, Roderick J. A. Likelihood methods for attrition, 225-17 (page 447)
Liu, Guanghan. On local smoothing and Bayesian estimation, 224-69 (page 316)
Liu, Hung-Kung, Confidence intervals in bioequivalence assessment, 224-185 (page 348)
Liu, Jian. *see* Susko, Ed.
Loader, Clive L. Change point estimation using nonparametric regression, 224-75 (page 318)
Lohr, Sharon L. Two- and three-stage accurate estimation in the general linear model, 222-54 (page 138)
Longmate, Jeff. Computing posterior quantiles using the Gibbs sampler, 224-186 (page 348)
Low, Mark G. *see* Brown, Lawrence D.
Lund, Robert B. and Walter L. Smith. Exponential ergodicity of dam models, 224-143 (page 337)
Lyons, Russell. Percolation on trees and its applications, 224-PW10 (page 249)
Ma, Guangqin. *see* Hall, W.J.
MacQueen, James B. A nearly unbiased variable kernel regression method, 92t-4 (page 136)
MacQueen, James B. A generalization of ordinary least squares regression, 92t-41 (page 595)
Madigan, David and Adrian E. Raftery. Model selection and accounting for model uncertainty in graphical models using Occam's window, 224-176 (page 346)
Maguluri, Ganga and Cun-Hui Zhang. Estimation in the mean residual life regression model, 224-187 (page 348)
Mahmoud, Hosam M. Multivariate problems in random trees with elastic buckets, 224-PW12 (page 249)
Majumdar, Dibyen *see* Chai, Feng-Shun.
Majumdar, Suman, Dennis C. Gilliland and James Hannan. Asymptotic solution to the finite state component compound decision problem: Bayes vs. the uniform prior on proportions, 222-36 (page 57)
Majumdar, Suman. On equality of probability measures on hilbert space, 92t-39 (page 595)
Majumdar, Suman. On topological support of Dirichlet prior, 224-91 (page 322)
Malani, Hina Mehta. Use of disease markers to recover additional information from the censored observations, 224-190 (page 349)

Manatunga, Amita K. and David Oakes. A truncated Tau for bivariate frailty distributions, 224-116 (page 329)
March, Peter *see* Cranston, Michael.
Markatou, Marianthi and Chih-Ling Tsai. Robust tests in nonlinear regression, 222-26 (page 54)
Marohn, Frank *see* Falk, Michael.
Marriott, John, Nalini Ravishanker, Alan Gelfand and Jeffrey Pai. Bayesian inference for ARMA processes by resampling, 224-56 (page 312)
Marron, J. Stephen. *see* Grund, Birgit.
Marron, James S. *see* Fan, Jianqing.
Martel, Juliann K. and Charles E. McCulloch. Random effects and covariates in a semi-Markov model, 225-20 (page 448)
Masry, Elias. *see* Cambanis, Stamatis.
McConnell, Terry *see* Griffin, Philip.
McCormick, William *see* Homble, P.
McCulloch, Charles E. *see* Martel, Juliann K.
McDermott, Michael P. Asymptotic generalizations of orthogonal contrast tests for the simple tree order alternative, 224-81 (page 320)
McDougall, Andrew *see* Stoffer, David.
McPeek, Mary Sara, Terry Speed, and Steve Evans. Modelling interference in reciprocal meiotic recombination, 223-12 (page 154)
McPeek, Mary Sarah. Small-sample robustness of the no-interference model for ordering genetic markers, 224-189 (page 349)
Meerschaert, Mark M. The structure of the exponents and symmetries of an arbitrary operator-stable law, 224-108 (page 327)
Mehta, Cyrus. Exact logistic regression: theory, algorithms, and software, 224-112 (page 328)
Meng, Xiao-Li *see* Gelman, Andrew.
Miller, Curtis. Some theorems for p* mixing random fields, 92t-22 (page 417)
Mishra, Satya N. and Madhuri S. Mulekar. Bias and inference on measures of niche overlap, 224-101 (page 325)
Mishra, Satya N. and Madhuri S. Mulekar. Bias and inference on measures of niche overlap, 222-4 (page 49)
Mishra, Satya N. see Mulekar, Madhuri S.
Molchanov, S. Turbulent diffusion, 224-PW12 (page 250)
Montazer-Haghighi, Aliakbar. A queueing network with feedback, 224-126 (page 332)
Morgenthaler S. Robust inference for linear models, 224-153 (page 340)
Moyeed, Rana A. *see* Leurgans, Sue E.
Mueller, Carl. *see* Dawson, Donald A., 224-PW25.
Mukerjee, Hari. Efficient algorithms for computing extremes of contingency tables with given marginals, 223-18 (page 156)
Mukherjee, Kanchan *see* Koul, Hira L.
Mukhopadhyay, Nitis and Saibal Chattopadhyay. Comparing exponential clinical trials by combining individual sequential experiments available from independant studies, 224-49 (page 310)
Mukhopadhyay, Nitis and Tumulesh K.S. Solanky. On asymptotic second-order properties of selecting the t-best exponential populations, 224-150 (page 339)
Mulekar, Madhuri S. and Satya N. Mishra. Overlap coefficients of two normal densities: equal means case, 222-3 (page 48)
Mulekar, Madhuri S. *see* Mishra, Satya N.
Müller, Hans-Georg and Kathryn Prewitt. Data-adaptive estimation of peak location of the spectral density, 222-37 (page 58)
Müller, Hans-Georg and Kai-Sheng Song. Identity reproducing multivariate nonparametric regression, 223-21 (page 157)
Müller, Hans-Georg *see* Zhao, Peng-Liang.
Murphree, Emily S. Conditions implying an integrated tail distribution is subexponential, 222-44 (page 60)
Murphy, Susan A. Asymptotic theory for the semiparametric frailty model in survival analysis, 224-77 (page 318)
Mykland, Per A. Bartlett identities outside parametric inference, 224-188 (page 349)
Mykland, Per A. Likelihood of martingale-based inference, 225-25 (page 449)
Mykland, Per A. Martingale or likelihood - which is the special case?, 223-20 (page 157)

Nair, Vijay *see* Bickel, Peter.
Naranjo, Joshua D. Estimation using a rank-based composite likelihood, 225-16 (page 446)
Navard, Sharon E. and Dean M. Young. Probability inequalities for the sum of certain discrete unimodal random variables when sampling without replacement, 222-34 (page 57)
Neath, A.A. and Francisco J. Samaniego. How to be a better Bayesian, 224-198 (page 352)
Nolan, Deborah. Rates of convergence for random sets in R^d, 224-242 (page 363)
Norberg, Tommy. Some "Mathéron-style" random set theory, 224-212 (page 355)
Normand, Sharon-Lise and David Tritchler. Monitoring series: a mixed graphical model approach, 224- 55 (page 312)
Notz, William I. *see* Wei, Feifei.
Nualart, David. Markov properties for stochastic (partial) differential equations, 224-29 (page 304)
O'Donnel, Robert P. *see* Hall, Kathryn B.
Oakes, David *see* Cui, Lu.
Oakes, David *see* Manatunga, Amita K.
Ocone, Daniel. A symmetry characterization of martingales with conditionally independent increments, 224-239 (page 362)
Olive, David. *see* Barron, Andrew R.
Padgett, William J. *see* Gulati, Sneh.
Pai, Jeffrey *see* Marriott, John.
Pal, Nabendu *see* Guo, Ying (Ingrid) Yueh.
Park, Hyo Il. An estimation of treatment effect for two-sample problem with right censored data, 224-39 (page 307)
Park, Meekyong and Jiayang Sun. Tests in projection pursuit regression, 224-208 (page 354)
Park, Won J., Eui Yong Lee and Honggie Kim. A model for a continuous state system with (s, S) repair policy, 222-38 (page 58)
Patak, Z. and Ruben H. Zamar. Robust principal components, 224-228 (page 359)
Patterson, Ronald F. *see* Bozorgniza, Abolghassem.
Pemantle, Robin. The uniform random spanning tree model, 224-PW13 (page 250)
Pepple, Patricia A. Simultaneous estimation of gamma means in the presence of a nuisance parameter, 222-35 (page 57)
Peres, Yuval. Tree-indexed random walks, 224-PW14 (page 250)
Perkins, Ed. Path properties of measure-valued diffusions, 224-PW24 (page 253)
Peruggia, Mario. Some applications of the invariance condition for the invariant distribution of an iterated function system, 224-147 (page 338)
Peters, Dawn and Donald A. Pierce. Asymptotics and the likelihood principle, 225-14 (page 445)
Pezzulli, Sergio and Bernard W. Silverman. Some properties of smoothed principal components analysis for functional data, 92t-8 (page 219)
Phelan, Michael J. Statistics of transient tracers as birth and death on flows, 223-8 (page 153)
Picard, Dominique. Density estimation via wavelets: minimaxity over Besov spaces, 224-246 (page 420)
Pierce, Donald A. *see* Peters, Dawn.
Pittel, Boris *see* Dyer, M.
Plante, André. A likelihood based consistent confidence interval estimation method for a Neyman-Scott example, 225-12 (page 445)
Pliego, German. *see* Bock, Mary Ellen.
Podgorski, Krzysztof. *see* LePage, Raul.
Podgorski, Krzysztof. Bootstrap for time series analysis, 224-114 (page 329)
Poggio, Tomaso. Learning networks and approximation theory, 224-240 (page 362)
Politis, Dimitris N. Markov chains in many dimensions, 222-1 (page 48)
Politis, Dimitris N. and Joseph P. Romano. Non-parametric resampling for homogeneous strong mixing random fields, 224-193 (page 350)
Politis, Dimitris N. and Joseph P. Romano. Limit theorems for weakly dependent Hilbert space valued random variables with application to the stationary bootstrap, 224-194 (page 350)
Pope, Alun. Optimality of generalised cross-validation for spline smoothing with correlated errors, 223-15 (page 155)
Presnell, Brett, Myles Hollander and Jayaram Sethuraman. Testing the minimal repair assumption in an imperfect repair model, 224-195 (page 351)
Prewitt, Kathryn *see* Müller, Hans-Georg.
Qin, Jing. Empirical likelihood in biased sample problem, 224-146 (page 338)
Qin, Jing *see* Chen, Jiahua.

Qiu, Wenzi. Rank transform tests for unbalanced two-way layouts, 224-196 (page 351)
Rachev, Svetlozar *see* Epstein Feldman, Raisa.
Raftery, Adrian E. *see* Madigan, David.
Raftery, Adrian E. *see* Zeh, Judith E.
Ralescu, Stefan S. Strong approximation theorems for integrated kernel quantiles, 92t-19 (page 222)
Ramgopal, Paul *see* Laud, Purushottam W.
Ramsay, James O. Functional data analysis of growth curves, 224-233 (page 360)
Rao, B. V. *see* Bhattacharya, Rabi N.
Rao, J. N. K., and Randy R. Sitter. Jacknife variance estimation under double sampling with applications to ratio imputation, 224-57 (page 313)
Ravishanker, Nalini *see* Marriott, John.
Reed, III, J.F. The robustness of the wald, likelihood ratio, and median tests with specified distributions, 222-48 (page 60)
Reid, Nancy. Higher order asymptotics and likelihood, 224-197 (page 351)
Reiss, Rolf-Dieter *see* Kaufmann, Edgar.
Ren, Jian-Jian. Asymptotic normality of regression L-estimators: Hadamard differentiability approaches, 224-154 (page 340)
Rice, John A. *see* Kelly, Colleen L.
Richards, Donald St. P. *see* Gupta, Rameshwar D.
Rissanen, Jorma. Model complexity and nonlinear prediction of time series, 223-4 (page 152)
Ritter, Christian *see* Leonard, Tom.
Robinson-Cox, James F.Properties of order statistics under linear trend, 224-22 (page 303)
Roeder, Kathryn. Determining the number of components in a mixture of normals, 225-24 (page 449)
Rogers, Christopher. Peeking at the data, 224-93 (page 323)
Romano, Joseph P. *see* Politis, Dimitris N.
Rosenberger, William F. and R. T. Smythe. An asymptotic result for the generalized Pólya urn, 224-104 (page 326)
Ross, Kenneth A. and Daming Xu . A comparison theorem on convergence rates of random walks on groups, 223-37 (page 162)
Rothmann, Mark. *see* Russo, Ralph P.
Rousseeuw, Peter J. and Ida Ruts. A fast algorithm for bivariate simplicial depth, 92t-36 (page 594)
Rousseeuw, Peter J. and Christopher Croux. Explicit scale estimators with high breakdown point, 92t-37 (page 594)
Rousseeuw, Peter J. A resampling design for computing high-breakdown regression, 92t-44 (page 596)
Rousseeuw, Peter J. *see* Hössjer, Ola.
Royall, Richard M. and Tsung-Shan Tsou. Robust likelihoods, 225-23 (page 448)
Rozovskii, Boris L. "Phase transition" for maximum likelihood estimators for parameters of stochastic PDEs, 224-PW16 (page 251)
Rozovsky, Leonid. Rate of convergence in the weak law of large numbers, 224-9 (page 299)
Ruberg, Stephen J. *see* Hsu, Jason C.
Ruppert, D. and M. P. Wand. Multivariate locally weighted least squares regression, 223-17 (page 156)
Ruppert, D. Computing S-estimators for regression and multivariate location/dispersion, 224-243 (page 363)
Russo, Ralph P. and Mark Rothmann. A series criterion for moving maxima, 223-38 (page 162)
Saleh, A. K. Md. Ehsanes. Shrinkage estimation of regression parameters when the errors are non-normal, 224-121 (page 331)
Saleh, A. K. Md. Ehsanes and B. M. Golam Kibria. On some new ridge regression estimators, 92t-34 (page 535)
Samaniego, Fransisco J. *see* Neath, A.A.
Samorodnitsky, Gennady. *see* Adler, Robert J.
Samuels, Stephen M. Sufficiently noninformative priors for the secretary problem, 224-11 (page 300)
Sarkar, Sanat K. *see* Chakravarty, Alaka G.
Sarkar, Sanat K. *see* Ghosh, Kalyanbrata.
Sarkar, Sanat K. Shrinkage domination of the Graybill-Deal estimator of the common mean of several multivariate normal populations, 224-173 (page 345)
Scargle, Jeffrey. Analysis of chaotic time series, 223-42 (page 164)
Schervish, Mark J. Some statistical uses of successive substitution, 222-51 (page 61)

Scholz, F. W. *see* Lehmann, E. L.
Scott, David W. Extensions of oversmoothed bandwidth rules to regression, 223-33 (page 161)
Seidel, Wilfried. Decision rules based on information about generalized moments of a prior distribution, 224-158 (page 341)
Selzer, Martin and Douglas Jones. Modelling heteroskedasticity with quasi-likelihood and ordinary least squares residuals, 224-123 (page 331)
Sen, Pranab Kunar *see* Das, Shubhabrata.
Serfling, Robert. On criteria for convergence of transformed random elements, 223-32 (page 161)
Serfling, Robert. On properties and roles of some notions of multidimensional median, 224-199 (page 352)
Serinko, Regis J. *see* Templeman, Arkady.
Sethuraman, Jayaram *see* Presnell, Brett.
Seymour, Lynne *see* Ji, Chuanshu.
Seymour, Lynne. A simulation study of selection procedures for Markov random field texture models, 224-139 (page 336)
Shah, Arvind K. *see* Krishnamoorthy, K.
Shao, Jun. An asymptotic theory for linear model selection, 224-30 (page 305)
Shao, Qi-Man and Miklos Csörgö. Strong limit theorems for large and small increments of lp-valued Gaussian processes, 222-29 (page 55)
Sharples, Katrina. A comparison of population-averaged and cluster-specific logistic regression models for correlated binary data, 224-200 (page 352)
Shen, Zaiqian. A Monte Carlo study of optimal robust estimates of location, 223-11 (page 154)
Shen, Zaiqian. On optimal influence functions in multidimensional parametric models, 224-222 (page 358)
Sherman, Robert P. U-processes in the analysis of a generalized regression estimator, 224-201 (page 352)
Shiau, Jyh-Jen Horng and David Lee. Multivariate splines with discontinuities and fast algorithms for their computation, 222-21 (page 53)
Shiau, Jyh-Jen Horng *see* Chen, Hung.
Shieh, Shwu-Rong and Edward W. Frees. Limit distribution of weighted degenerate U-statistics with estimated parameters, 224-202 (page 353)
Shoemaker, Lewis H. Tests for difference in dispersion based on interquantile spreads, 225–13 (page 445)
Shor, Peter W. On-line stochastic planar matching, 224-PW17 (page 251)
Silverman, Bernard W. *see* Pezzulli, Sergio.
Silverman, Bernard W. *see* Leurgans, Sue E.
Silverman, Bernard W. *see* Stander, Julian.
Silverman, Bernard W. *see* Taylor, Paul C.
Sinha, Debajyoti, Martin A. Tanner and W.J. Hall. Partial likelihood based inference from interval-censored data, 224-203 (page 353)
Sitter, Randy R. *see* Rao, J. N. K.
Slate, Elizabeth H. Parametrizations for natural exponential families with quadratic variance functions, 222-6 (page 49)
Slate, Elizabeth H. *see* Kass, Robert E.
Small, Christopher. The geometrical theory of estimating functions, 224-192 (page 350)
Smith, Adrian F.M. *see* Laud, Purushottam W.
Smith, Walter L. *see* Lund, Robert B.
Smythe, R. T. Estimation and testing of dose-response parameters for multiple tumor types using historical control information, 223-24 (page 158)
Smythe, R.T. *see* Rosenberger, William F.
Solanky, Tumulesh K.S. *see* Mukhopadhyay, Nitis.
Solo, Victor. Fast computation for the thin plate spline, 224-83 (page 320)
Solow, Andrew R. Some model-based inference about global warming, 224-34 (page 306)
Song, Kai-Sheng. *see* Müller, Hans-Georg.
Sowers, Richard. On some long (and short) time asymptotic for stochastic PDE's, 224-PW18 (page 252)
Speed, Terry. *see* McPeek, Mary Sara.
Sriram, T.N. Invalidity of bootstrap and validity of sequential bootstrap for critical branching processes with Immigration, 224-204 (page 353)

Srivastava, J. N. and S. Ghosh. Incorrectness of orthogonality condition for main effect plans, 224-58 (page 313)
Srivastava, Jagdish N. New estimation techniques for finite population sampling, with multiple characters under study, 92t-27 (page 418)
Stander, Julian and Bernard W. Silverman. Temperature schedules for simulated annealing, 92t-9 (page 219)
Steel, S. J. *see* Venter, J. H.
Steele, J. Michael. Matching heuristics' problems and solutions motivated by statistics, 224-PW19 (page 252)
Stein, Michael. Asymptotically optimal estimation for the reduced second moment measure of point processes, 222-40 (page 59)
Stern, Hal. Testing in mixture models by means of a posterior predictive check distribution, 224-191 (page 349)
Stoffer, David, David Tyler and Andrew McDougall. Categorical time series and the spectral envelope, 224-205 (page 353)
Stromberg, Arnold J. The effect of outliers on covariance estimates in linear regression, 224-206 (page 354)
Stroud, Thomas W. F. Bayesian predictive inference for a proportion under double sampling, 224-12 (page 300)
Stute, W. and Jane-Ling Wang. A strong law under random censorship, 223-23 (page 158)
Stute, Winifried. *see* Gürler, Ülkü.
Su, Yingcai and Stamatis Cambanis. Sampling designs for estimation of a random process, 224-98 (page 324)
Sukhatme, Shashikala *see* Lin, C. H.
Sun, Jianguo. Empirical estimation of distribution function with truncated and doubly interval-censored data and its application to AIDS studies, 224-207 (page 354)
Sun, Jiayang. *see* Park, Meekyong.
Sun, Shan. Asymptotic behavior of the perturbed empirical distribution functions evaluated at a random point for absolutely regular sequences, 222-16 (page 52)
Susko, Ed and Jian Liu. On the estimation of segments in regression modeling, 223-44 (page 164)
Swanepoel, Cornelia J. *see* Frangos, Christos C.
Swanepoel, Jan W.H. The bootstrap applied to sequential analysis, 224-135 (page 335)
Szpankowski, Wojtek. Combinatorial versus probabilistic methods in the analysis of random digital trees, 224-PW20 (page 252)
Szyszkowicz, Barbara. Weak convergence of weighted empirical type processes under contiguous and changepoint alternatives, 222-43 (page 59)
Tableman, Mara. A class of affine equivariant multivariate estimators of location with 50% breakdown point, 223-7 (page 153)
Tam, K.W. *see* Wu, Yuehua.
Tan, Ming. Shrinkage estimators for multivariate growth curve models, 222-12 (page 51)
Tanner, Martin A. and John E. Kolassa. Approximate frequentist inference via Markov chain methods, 224-209 (page 354)
Tanner, Martin A. *see* Sinha, Debajyoti.
Taylor, Paul C. and Bernard W. Silverman. Block diagrams and splitting criteria for classification trees, 92t-10 (page 220)
Taylor, Robert L. *see* Bozorgniza, Abolghassem.
Templeman, Arkady and Regis J. Serinko. A consistent estimator for the correlation dimension of mixing dynamical systems, 224-210 (page 355)
Thompson, Georgia Lee. Graphical methods for displaying the spectrum of rank ordered data, 223-31 (page 160)
Thompson, Georgia Lee. Using arrangement polytopes to display permutation data, 224-211 (page 355)
Tierny, Luke-Jon. Asymptotic nonparametric posterior distributions, 224-6 (page 298)
Tong, Howell *see* Yao, Qiwei.
Trawinski, B. J. On random measures, 92t-33 (page 534)
Tritchler, David *see* Normand, Sharon-Lise.
Tsai, Chih-Ling. *see* Markatou, Marianthi.
Tsou, Tsung-Shan. *see* Royall, Richard M.
Tsybakov, A.B. Nonparametric estimation of curves and sets in images, 224-221 (page 357)
Tubbs, Jack D. A bivariate distanced based ranking model, 224-213 (page 355)

Tyler, David *see* Stoffer, David.
Uddin, Nizam. Recursive constructions for block designs with nested rows and columns, 224-214 (page 356)
Umbach, Dale and M. Masoom Ali. Robust spacing for the estimation of function of locations of location and scale, 224-95 (page 323)
Utikal, Klaus J. Nonparametric inference for a bivariate Markov interval process, 222-8 (page 50, 137)
Van Ness, J. W. *see* Cheng, C. L.
van Zwet, Willem. Resampling, 224-4 (page 298)
Vapnik, Vladimir. Principles of expected risk minimization, 223-10 (page 154)
Venter, J. H. and Steel, S. J. Pre-test estimators in the selection of normal linear models, 222-15 (page 51)
Vidakovic, Brani. Ibragimov-Has'minskii constant for affine and restricted rules, 224-159 (page 341)
Vos, Paul W. Quasi-likelihood or extended quasi-likelihood?, 222-28 (page 55)
Walnut, David. An application of Gabor wavelets to the multi sensor deconvolution problem, 224-45 (page 309)
Walsh, John B. The geography of the level sets of the Brownian sheet, 224-PW21 (page 253)
Walter, Gilbert G. Estimation with wavelets, 223-34 (page 161)
Wand, M.P. *see* Ruppert, D.
Wandji, J. Ngatchou *see* Guegan, Dominique
Wang, C.Y. *see* Wang, Suojin.
Wang, J.C. and C.F. Jeff Wu. A hidden projection property of Plackett-Burman and other designs, 224-59 (page 313)
Wang, Jane-Ling. *M*-Estimation for censored data. 224-149 (page 339)
Wang, Jane-Ling. *see* Gürler, Ülkü.
Wang, Jane-Ling. *see* Stute, W.
Wang, Mei-Cheng *see* Bilker, Warren B.
Wang, Suojin and C. Y. Wang. Likelihoods in case-control studies with errors in predictors, 225-9 (page 444)
Wang, Suojin. Saddlepoint expansions in finite population problems, 224-215 (page 356)
Wang, Xiaobao. An AIC type estimator for the number of cosinusoids, 224-7 (page 299)
Wang, Yanhua. Smoothing splines for non-parametric regression percentiles, 222-20 (page 53)
Wasserman, Larry. Automatic priors in Bayesian inference, 225-5 (page 443)
Waterman, Richard. *see* Lindsay, Bruce G.
Waymire, Edward C. On the analysis and estimation of singularity spectra, 223-3 (page 151)
Waymire, Edward C. On the normal curve in asymptotic enumerations, 224-PW22 (page 253)
Wefelmeyer, Wolfgang. Estimating functions and efficiency for stochastic processes, 224-80 (page 319)
Wefelmeyer, Wolfgang. *see* Greenwood, Priscilla E.
Wegman, Edward J., Don R. Faxon and Christian Houdré. Wavelets and nonparametric function estimation, 222-31 (page 56)
Wei, Bo-Cheng. Geometric method for the inference of generalized nonlinear models, 92t-23 (page 417)
Wei, Bo-Cheng. Geometric method for the inference of multinomial distribution models, 92t-32 (page 534)
Wei, Feifei and William I. Notz. Optimal intergenotypic competition designs, 224-140 (page 336)
Wei, Gang *see* Clifford, Peter.
Weiner, Daniel C. and Marjorie Hahn. Self-normalized trimmed sums: nonormal limits, 224-105 (page 326)
Wellner, Jon A. The delta method and the bootstrap, 223-43 (page 164)
Whalen, Edward. The asymptotic distribution of magnitude trimmed sums for distributions in the Feller class, 224-106 (page 326)
Whitmore, G. A. Hougaard processes: an overview, 222-19 (page 52)
Whitmore, G.A. and Mei-Ling T. Lee. Inference for a clustering Poisson process, 224-71 (page 317)
Whitney, Paul D. *see* Liebetrau, A.M.
Wickerhauser, Victor. Fast principal components via wavelet packets, 224-247 (page 420)
Wijesinha, Manel. Hypothesis testing in experiments with blocking factors having heteroscedastic and correlated errors, 224-216 (page 356)
Wijsman, Ellen M. Complex genetic analysis in human genetics, 223-13 (page 154)

Williams, Calvin L. and Khursheed Alam. Selection of most (least) diverse multinomial population, 224-102 (page 325)
Wu, C. F. Jeff *see* Wang, J.C.
Wu, Chien -Fu Jeff. Supersaturated designs derivable from Hadamard matrices, 224-218 (page 357)
Wu, Colin O. Estimating the real parameter of a two-sample proportional odds model, 224-217 (page 356)
Wu, Eden K.H. Distributions minimizing Fisher information for scale in *E*-contamination neighbourhoods, 224-27 (page 304)
Wu, Yuehua and K.W. Tam. Randomized penalty in detection of the number of signals, 224-82 (page 320)
Xiang Xiaojing. On representations of kernel estimators of quantile functions and their derivatives, 222-53 (page 138)
Xiang Xiaojing. A kernel estimator of a conditional quantile, 224-235 (page 361)
Xiang, Xiaojing. A law of the logarithm for kernel quantile density estimators, 224-234 (page 361)
Xu, Daming *see* Ross, Kenneth A.
Yan, Ping and J.F. Lawless. Non-parametric estimation of a survival distribution when time of onset is uncertain. 224-72 (page 317)
Yang, Grace L. and Lucien Le Cam. The role of dimension in semi-parametrics, 224-44 (page 309)
Yang, Shenq-Nah (Christine). A matrix exponential and bootstrap analysis of nonlinear least square estimation for compartmental models, 224-89 (page 322)
Yang, Yuhong *see* Barron, Andrew R.
Yao, Qiwei and Howell Tong. On the sensitivity of nonlinear predictors to initial values, 92t-20 (page 222)
Yao, Qiwei, and Howell Tong. On subset selection in non-parametric stochastic regression, 224-18 (page 302)
Yeh, Arthur B. Bootstrap confidence regions based on data depth, 224-92 (page 323)
Young, Dean M. *see* Navard, Sharon E.
Yu, Bin. Density Estimation in the $L\infty$ norm for dependent data with applications to the Gibbs sampler, 224-20 (page 302)
Yu, Kai Fun. On estimating the common odds ratio of a number of two-by-two tables, 224-36 (page 306)
Yu, Qiqing and Lynn Kuo. A comparison between the nonparametric problems of estimating a distribution function and parametric problems, 224-14 (page 301)
Yu, Qiqing. The generalized empirical survival function, 225-10 (page 444)
Yukich, Joseph E. The exponential integrability of transportation cost, 224-PW23 (page 253)
Zamar, Ruben H. *see* Patak, Z.
Zeh, Judith E. and Adrian E. Raftery. Bayes empirical Bayes estimation of Bowhead whale, Balaena mysticetus, Population size, 224-5 (page 298)
Zhang, Cun-Hui *see* Klass, Michael J.
Zhang, Cun-Hui *see* Maguluri, Ganga.
Zhang, Ping. Assessing prediction errors in regression models, 224-132 (page 334)
Zhao, Linda H. Minimax linear estimation in a white noise problem, 224-68 (page 316)
Zhao, Peng-Liang. Efficient estimation of the slope in the semiparametric regression model, 222-30 (page 55)
Zhao, Peng-Liang and Hans-Georg Müller. On a semiparametric variance function model and a test for heteroscedasticity, 223-22 (page 157)
Zhou, Mai. A scatter plot for censored data, 222-7 (page 49)
Zhou, Mai. Bootstrap confidence intervals for probabilities when data are doubly censored, 224 219 (page 357)
Zhou, Xiao H. Robust testing procedures for non-iid samples in the presence of nuisance parameter, 224-8 (page 299)
Zhu, Jin. Compound estimation of truncation parameters with rate $O(n\text{-}1/4)$ for certain nonregular families, 222-14 (page 51)
Zhu, Zhiwei. Bahadur type estimations for some minimum distance estimators in linear models, 222-52 (page 138)
Zhu, Zhiwei. Bahadur type estimations for some minimum distance estimators, 224-220 (page 357).

The IMS Bulletin
Vol.21, No.6, 1992, 670–672.

A Guide to The IMS Bulletin: Volume 21 (1992)

No.1, January/February.....1–96
No.2, March/April.....97–192
No.3, May/June.....193–384
No.4, July/August.....385–464
No.5, September/October.....465–560
No.6, November/December.....561–672

Abstracts, Index by Author ... 654–659
Submission Instructions ... 18
Abstracts of Papers Presented in Person:
Boston, Massachussetts: 9–13 August 1992
... 297–363, 420–421
Cincinnati, Ohio: 22–25 March 1992
... 48–61, 137–138
Corvallis, Oregan: 14–17 June 1992
... 151–164
Medford, Massachussetts: 8–9 August 1992
... 247–254
University Park, Pennsylvania:
25–28 October 1992 ... 442–449, 535
Abstracts of Papers Presented by Title
... 19, 136–137, 219–223, 417–419,
534–535, 594–596
Annals of Applied Probability, The
Acknowledgement of Referees ... 408
Tables of Contents
... no.1 (outside rear cover), 205, 515, 569
Annals of Probability, The
Acknowledgement of Referees ... 204–205
Tables of Contents ... 515
Annals of Statistics, The
Tables of Contents ... 126, 208
Ashton Lodge, Tunbridge Wells ... 649

Bayes, Reverend Thomas ... 644–649
Bowker, Rosedith Sitgreaves: 1915–1992
... 99
Brownlee, Kenneth Alexander: 1918–1990
... 466

Calendar of Statistical Events, International
... 88–96, 183–192, 377–384, 457–464,
553–560, 633–640
Chance ... 393
Classification Society of North America
... 522–523
COPSS Presidents' Award
(Nancy M. Reid) ... 387
Conferences, NSF–CBMS Regional Research
... 26–28
Conferences, Selected Other
... 81–87, 371–376, 454–456, 626–632
Ten Down Under at a Glance ... 540–541
see also Calendar of Statistical Events,
IMS Meetings, Workshops, etc.
Cumulative Data Base: 1992 Edition
... 127, 240
Cumulative Index to IMS Scientific Journals:
1960–1989 ... 78

Current Index to Statistics, Vol. 17(1991)
... 127, 514, 570
Closing the Gap (Bruce E. Trumbo) ... 571

F. N. David wins first Elizabeth L. Scott Award
... 468–469

Editors, New IMS ... 194, 386
Editors' Reports, IMS: 1991–1992
... 376, 499–505
e-mail Directory, New IMS ... 393
Emperor, The ... 642–643
Employment Opportunities Around the World
... 15–17, 105–107, 230–233, 424–426,
524–533, 586–593
Ericson, William A. Brief History of
Dept. of Statistics, University of Michigan,
Ann Arbor ... 395–397

Fellows, New IMS ... 194–195
Nomination Form ... 196–197
Financial Statements, IMS:
30 June 1992 and 1991 ... 488–495
Fisher Lecturer and Award (Paul Meier) ... 388

Gift Membership Program and List of
Donors, IMS ... 482

Huzurbazar, Vasant Shankar: 1919–1991 ... 100

IMS Committee and Council Meetings, Minutes
... 505–512
IMS Council Members, New ... 387
IMS Editors, New ... 194, 386
IMS Editors' Reports: 1991–1992
... 376, 499–505
IMS e-mail Directory, New ... 393
IMS Fellows, Committee ... 2
New ... 194–195
Nomination Form ... 196–197
IMS Financial Statements:
30 June 1992 and 1991 ... 488–495
IMS Gift Membership Program and List of
Donors ... 482
IMS Individual Membership Dues 1993
... 480–481
IMS Lecture Notes–Monograph Series
... 210–213, no.4 & 5 (outside rear cover),
394, 398, 416, 567
IMS Meetings, Workshops, etc.
Auckland, New Zealand: 4–5 December 1992
... 80, 369, 450–451, 536–539
Bloomington, Indiana: 18–21 March 1993
... 182, 370, 452, 542–546, 598–605

Boston, Mass: 9–13 August 1992 ... 74–78, 171–180, 255–296
Cincinnati, Ohio: 22–25 March 1992 ... 31–48
College Station, Texas: 19–21 March 1992 ... 30
Corvallis, Oregon: 14–17 June 1992 ... 63–69,139–150
Hong Kong: 14–21 March 1992 ... 29
Laramie, Wyoming: 28–30 June 1993 ... 549, 614–618
Medford, Mass: 8–9 August 1992 ... 72–73, 167–170, 241–246
Philadelphia, Pennsylvania: 21–24 March 1993 ... 547–548, 606–613
San Francisco, California: 8–12 August 1993 ... 550–552, 621–625
Seattle, Washington: 26–28 March 1992 ... 62
South Hadley, Mass: 11–24 July 1992 ... 70–71, 165–166
Stanford, California: 7–8 August 1993 ... 550–552, 619–620
University Park, Pa: 25–28 October 1992 ... 79–80, 181–182, 364–368, 434–441
IMS Members, New ... 7, 104, 201–203, 392, 474, 566
IMS Members' News ... 2–4,102–103, 198–199, 389–391, 470–473, 564–565
IMS Officers, New ... 386
IMS President's Report: 1991–1992 ... 476–477
IMS Probability Efforts ... 497–498
IMS Program Secretary, New ... 2
IMS Program Secretary's Report ... 496–497
IMS Scientific Journal, Cumulative Index: 1960–1989 ... 78
IMS Special Topics/Satellite Meetings ... 453
IMS Standing Committees: 1991–1992 ... 478–479
IMS Treasurer's Report for Fiscal Year 1992 ... 483–487
IMS Twins ... 5
Indian Statistical Institute, Calcutta Centre ... 4–5
Institute of Statistical Mathematics, Tokyo (Kameo Matusita) ... 108–109

Journal of Computational & Graphical Statistics ... 206–207

Karhunen, Kari Onni Uolevi: 1915–1992 ... 562
Kulldorff, Martin: Survey of Statistical Journals ... 399–406, 574–575

Letters to the Editor ... 20–23, 128–133, 224–229, 422–423, 521–523, 576–579
Linear Algebra and Its Applications
Special Issue in Honor of Ingram Olkin ... 223, 515
Special Issues on Linear Algebra and Statistics 3rd ... 415; 4th ... 407

Madow, William Gregory: 1911–1992 ... 98
Matusita, Kameo: Institute of Statistical Mathematics, Tokyo ... 108–109
Michigan, Ann Arbor, University of Brief History of Dept. of Statistics (William A. Ericson) ... 395–397
Minutes of IMS Committee and Council Meetings ... 505–512

National Science Foundation (NSF), News from ... 24–25, 134–135, 235–237, 513

Obituaries, Six-Year Index ... 650
Rosedith Sitgreaves Bowker: 1915–1992 ... 99
Kenneth Alexander Brownlee: 1918–1990 ... 466
Vasant Shankar Huzurbazar: 1919–1991 ... 100
Kari Onni Uolevi Karhunen: 1915–1992 ... 562
William Gregory Madow: 1911–1992 ... 98
Frank Ludvig Spitzer: 1926–1992 ... 101
José Tiago da Fonseca Oliveira: 1928–1992 ... 467
Stanley Leon Warner: 1928–1992 ... 563
Yohanan Wax: 1947–1991 ... 6
Olkin , Special Issue of *LAA* to Honor Ingram ... 223, 515

Parc 55 Hotel, San Francisco ... 393
Personal News, Other ... 103, 200–201
PhDs in the Statistical Sciences
Six-Year Index ... 651
Australia:1990–1991 ... 112, 427
Canada: 1961 ... 238–239
1988–1990 ... 111
1990–1991 ... 112
Finland: 1947–1992 ... 580–583
Germany:1990–1991 ... 113
1991–1992 ... 585
Greece: 1972–1992 ... 431–432
Indian Institute of Technology, Kanpur: 1988–1992 ... 584–585
McGill University: 1955–1990 ... 427, 520
Temple University, Philadelphia: 1976–1991... 8–9, 427
United Kingdom: 1990–1991 ... 432–433
United States: 1961 ... 238–239
1988–1990 ... 111
1990–1991: ... 113–121
University of Bath: 1988–1991 ... 9
University of Bombay: 1960–1992 ... 520
University of Connecticut, Storrs: 1967–1992 ... 583–584
University of Michigan, Ann Arbor: 1972:1992 ... 429–430
University of Southwestern Louisiana, Lafayette: 1971–1992: 428–429
University of Wyoming, Laramie: 1975–1991 ... 110–111

Photographs: Six-Year Index ... 652–653
Abraham, F. Murray ... 642
Bahadur, R. Raj ... 391
Bayes, Joshua ... 644
Bayes, Reverend Thomas ... 644
Bowker, Rosedith Sitgreaves ... 99
Brownlee, Kenneth Alexander ... 466
Clogg, Clifford C. ... 564
Cohen, Arthur... 564
Collins, John R. ...194
David, F. N. ... 468
Doddridge, Philip ... 644
Fairchild, Tracy Ann ... 200
Hinkelmann, Klaus ... 564
Hulce, Tom ... 642
Huzurbazar, Vasant Shankar ... 100
Jeffrey, Jones ... 642
Johnstone, Iain M. ... 2
Jones, Jeffrey ... 642
Joseph II ... 642
Karhunen, Kari Onni Uolevi ... 562
Karr, Alan F. ... 389
Kruskal, William H. ... 391
Kulldorff, Gunnar ... 576
Madow, William Gregory ... 98
Matusita, Kameo ... 108
Meier, Paul ... 388
Mozart, Wolfgang Amadeus ... 642
Nightingale, Florence ... 469
Pärna,Kalev ... 576
Price, Richard ... 644
Reid, Nancy M. ... 387
Saarniit, Ivar ... 576
Salieri, Antonio ... 642
Sedransk, Nell ... 564
Sinha, Bikas Kumar ... 5
Sinha, Bimal Kumar ... 5
Spitzer, Frank Ludvig ... 101
Steele, J. Michael ... 564
Stein, Charles M. ... 391
Stein, Michael L. ... 391
Stigler, Stephen M. ... 386, 391
Strawderman, William E. ... 564
Thisted, Ronald A. ... 391
Tiago da Fonseca Oliveira, José ... 467
Vardeman, Stephen B. ... 564
Wallace, David L. ... 391
Warner, Stanley Leon ... 563
Wax, Yohanan ... 6
Wilson, Susan R. ... 386
Witting, Hermann ... 390
President's Report, IMS: 1991–1992 ... 476–477
Probability Efforts, IMS ... 497–498
Problems Corner ... 109, 234, 393
Publications in the Statistical Sciences, New ... 10–14, 122–125, 214–218, 410–415, 516–519, 571–573

Spitzer, Frank Ludvig: 1926–1992 ...101
Standing Committees: 1991–1992, IMS ... 478–479
Statistical Science
Tables of Contents ... 125, 207, 409 , 568
Survey of Statistical Journals (Martin Kulldorff) ... 399–407, 574–575

Tiago da Fonseca Oliveira, José: 1928–1992 ... 467
Travel Assistance for New Researchers ... 475, 597
Treasurer's Report for Fiscal Year 1992, IMS ... 483–487

University of Michigan, Ann Arbor, Brief History of Dept. of Statistics (William A. Ericson)... 395–397

Warner, Stanley Leon: 1928–1992 ... 563
Wax, Yohanan: 1947–1991 ... 6

With effect from the next issue: Vol.22, No.1, January/February 1993
The IMS Bulletin will be edited by:

Susan R. Wilson
Centre for Mathematics and its Applications
Australian National University
GPO Box 4, Canberra ACT 2601, Australia
SUE.WILSON@ANU.EDU.AU, FAX (61-6) 249-5549